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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=12; day=9; hr=10; min=54; sec=51; ms=560; ]

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Application No: 10600003 Version No: 2.0

Input Set:

Output Set:

**Started:** 2008-11-14 15:48:09.052  
**Finished:** 2008-11-14 15:48:12.574  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 522 ms  
**Total Warnings:** 69  
**Total Errors:** 5  
**No. of SeqIDs Defined:** 135  
**Actual SeqID Count:** 135

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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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E 257	Invalid sequence data feature in <221> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
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W 213	Artificial or Unknown found in <213> in SEQ ID (20)
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**Input Set:**

**Output Set:**

**Started:** 2008-11-14 15:48:09.052  
**Finished:** 2008-11-14 15:48:12.574  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 522 ms  
**Total Warnings:** 69  
**Total Errors:** 5  
**No. of SeqIDs Defined:** 135  
**Actual SeqID Count:** 135

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
W 213	Artificial or Unknown found in <213> in SEQ ID (23) This error has occurred more than 20 times, will not be displayed
E 257	Invalid sequence data feature in <221> in SEQ ID (122)
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E 257	Invalid sequence data feature in <221> in SEQ ID (124)

# SEQUENCE LISTING

<110> FOWLKES, DANA M.  
 BROACH, JIM  
 MANFREDI, JOHN  
 KLEIN, CHRISTINE  
 MURPHY, ANDREW J.  
 PAUL, JEREMY  
 TRUEHEART, JOSHUA

<120> YEAST CELLS ENGINEERED TO PRODUCE PHEROMONE SYSTEM  
 PROTEIN SURROGATES, AND USES THEREFOR

<130> 60638CON(50370)

<140> 10600003

<141> 2003-06-18

<150> 09/286,166

<151> 1999-04-05

<150> 08/322,137

<151> 1994-10-13

<150> 08/309,313

<151> 1994-09-20

<150> 08/190,328

<151> 1994-01-31

<150> 08/041,431

<151> 1993-03-31

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Asp	Val	Ala	Val	Leu	Pro	Phe	Ser	Asn	Ser	Thr	Asn	Asn	Gly	Leu	Leu
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55

60

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Met Tyr Lys Arg Glu Ala Asp Ala Glu Ala Trp His Trp Leu Gln Leu  
35 40 45

Lys Pro Gly Gln Pro Met Tyr Lys Arg Glu Ala Asp Ala Glu Ala Trp  
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substitutions and preferred embodiments

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